



## Missouri Department of Health and Senior Services



Herculaneum Blood Lead **Screening Results for Children** Tested in **Both** Year 2001 and 2002

> (866) 628-9891 toll free or (573) 751-6160



Herculaneum Blood Lead Screening Results for Children Tested in Both Year 2001 and 2002



\*Data provided:



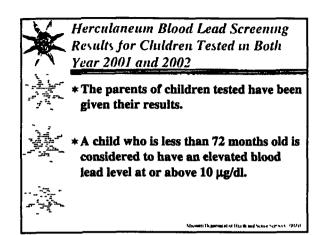
- Includes only Herculaneum children less than 72 months of age
- Children tested in both years 2001 & 2002



Herculaneum Blood Lead Screening Results for Children Tested in Both Year 2001 and 2002

- \* Data provided:
  - IS NOT a random sample, therefore it does not represent all children in the entire community.
  - DOES represent a result of physician selection and/or self selection.
  - DOES represent children venous tested in BOTH
  - IS the best data that is available to the Missouri Department of Health & Senior Services (DHSS)

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Herculaneum Blood Lead Screening Results for Children Tested in Both Year 2001 and 2002



> Number of Herculaneum children < 72 months tested in 2001 & 2002



Individuals	2002	2001	
Children < 72 months of age tested	58	118	



35 Children < 72 months tested in **BOTH** year 2001 & 2002

, '4 31 of the 36 children located east of Hwy 61 &Commercial Med.

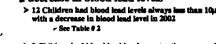
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Herculaneum Blood Lead Screening Results for Children Tested in Both Year 2001 and 2002



26 children tested in both years 2001 & 2002 had a decrease in blood lead levels

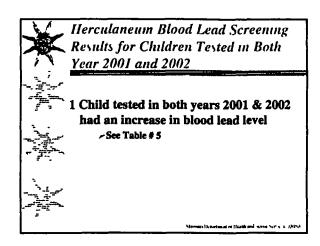




> 9 Children had blood lead levels greater than or equal to 10 µg/dL in 2001 with a decrease to a blood lead level of less than 10µg/dL in 2002 / See Table # 3

5 Children had blood lead levels greater than or equal to 10 µg/dL in 2001 with a decreased blood lead level but still greater than or equal to 10µg/dL in 2002
> See Table 8 4

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Herculaneum Blood Lead Screening Results for Children Tested in Both Year 2001 and 2002

- \* Possible contributing factors for the apparent reductions in blood lead levels:
  - Actions taken by DNR and EPA to ensure lead smelter owners eliminate/reduce sources of exposure
  - Increased community awareness about lead poisoning, ways of exposure, and adverse health effects
  - Increased educational efforts to provide information on reducing exposures, especially for children.
  - Voluntary Home Purchase Program

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Herculaneum Blood Lead Screening Results for Children Tested in Both Year 2001 and 2002

- \* Health Consultation will be produced and presented to community at a future CAG meeting.
  - DHSS working cooperatively with ATSDR to review 2002 blood lead data and compare blood lead data for children tested in both years 2001 and 2002.
  - Health consultation is a formal written document which will include:
    - Summary of data
    - · Conclusions, and
    - · Recommendations for further actions.

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